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(54) METHOD FOR ACQUIRING ACQUIRED TOLERANCE

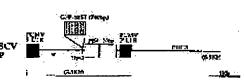
(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for acquiring the acquired tolerance to extraneous DNA and the expression product thereof that can allow the extraneous DNA, for example, a vector into which an extraneous gene is incorporated or the expression product thereof as self but not as non-self, a method for retaining the effect of the gene therapy that can avoid the rejection symptom to the extraneous gene, for example, a vector into which an extraneous gene is incorporated or the expression product thereof and a non-human animal that has acquired the acquired tolerance to the extraneous gene, for example, a vector into which an extraneous gene has been introduced or to the expression product thereof.

SOLUTION: Juvenile T-cells into which an extraneous DNA, for example, a virus vector into which an extraneous gene is incorporated, is transferred into the thymus and the extraneous DNA is expressed in the organ of the thymus. In order to introduce an extraneous

DNA into the T-lymphocytes, for example, the juvenile T-cells and the virus producer cells infected with the virus vectors are cultured together.





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